AMENDMENTS TO THE CLAIMS

1.   **(Currently Amended)** Method for an automated monitoring and controlling the

operational performance of a computer or processor system (1) comprising the following steps:

(a) detecting at least two operational parameters of individual components and/or at least

two environmental parameters of environmental components of the computer or

processor system (1);

(b) comparing the detected operational parameters and/or environmental parameters with

predetermined limit values;

(c) determining, if predetermined limit values are exceeded or fallen below of by one or

several of said detected operational parameters and environmental parameters;

(d) determining an operational event on basis of said limit values that have been exceeded

or fallen below of;

(e) selecting a reaction corresponding to said determined operational event from a

number of predetermined reaction patterns, wherein said number of predetermined

reaction patterns includes ~~at least one reaction~~**reactions** that ~~controls at least~~

~~one~~**control individually each** of ~~the~~ **a plurality of discrete**~~individual~~ components

being monitored **to maintain or prolong the serviceability of the monitored system**

and protect to the greatest possible extent active calculation processes as well as

their data bases and results and to avoid damage to the discrete component being

controlled by a reaction; and

(f) transmitting a control command to alter the operational performance corresponding to

said selected reaction to said computer or processor system (1).

2.   **(Original)** Method of claim 1, characterized in that the detected operational parameters

or environmental parameters are absolute measured values as well as the temporal change of said

measured value.

3.   **(Original)** Method of one of the preceding claims, characterized in that besides the

transmission of the control command corresponding to the selected reaction also a corresponding

information signal is transmitted.

4.   **(Currently Amended)** A device for an automated monitoring and controlling the

operational performance of a computer or processor system (1), comprising:

first sensors (3) for detecting at least two operational parameters of individual

components of said computer or processor system (1), and/or

second sensors (5) for detecting at least two environmental parameters of said computer

or processor system (1),

a monitoring unit (7) for comparing said detected operational and/or environmental

parameters with limit values stored in a first storage (8) as well as for detecting, if one or

several limit values are being exceeded or fallen below of,

means for generating a determined operational event message on basis of said limit

values that have been exceeded or fallen below of, and

a control unit (9) for receiving said operational event message as well as for selecting and

transmitting a control command corresponding to said operational event message to said

computer and processor system (1) from a storage (10) containing a number of

predetermined reaction patterns, wherein said number of predetermined reaction patterns

includes ~~at least one~~ control **commands~~command~~** that **control~~controls~~ ~~at least one~~a**

plurality of the individual components being monitored **to maintain or prolong the**

serviceability of the monitored system and protect to the greatest possible extent

active calculation processes as well as their data bases and results and to avoid

damage to the discrete component being controlled by a control command.

5.   **(Original)** Device of claim 4, characterized in that said detected operational parameters

or environmental parameters are absolute measured values as well as the temporal changes of

said measured value.

6.   **(Original)** Device of claim 4 or 5, characterized in that said device further comprises an

optical or acoustic output means for outputting a message corresponding to said operational

event message and/or said transmitted control command.

7.   **(Previously Presented)** Device of claim 4, characterized in that said device comprises a transmission means (15) for transmitting a message corresponding to said operational event message and/or to said transmitted control command.

8.   **(Previously Presented)** Device of claim 4, characterized in that said device is part of a computer which is separate from the computer or processor system (1) to be monitored.

9.   **(Original)** Device of claim 5, characterized in that said device comprises a transmission means (15) for transmitting a message corresponding to said operational event message and/or to said transmitted control command.

10.   **(Original)** Device of claim 6, characterized in that said device comprises a transmission means (15) for transmitting a message corresponding to said operational event message and/or to said transmitted control command.

11.   **(Original)** Device of claim 5, characterized in that said device is part of a computer which is separate from the computer or processor system (1) to be monitored.

12.   **(Original)** Device of claim 6, characterized in that said device is part of a computer which is separate from the computer or processor system (1) to be monitored.

13.   **(Original)** Device of claim 7, characterized in that said device is part of a computer which is separate from the computer or processor system (1) to be monitored.

14.   **(Original)** Device of claim 9, characterized in that said device is part of a computer

which is separate from the computer or processor system (1) to be monitored.

15.   **(Original)** Device of claim 10, characterized in that said device is part of a computer

which is separate from the computer or processor system (1) to be monitored.

16.   **(Currently Amended)** Method for an automated monitoring and controlling the

operational performance of a computer or processor system (1) comprising the following steps:

(a) detecting at least two operational parameters of individual components and/or at least

two environmental parameters of environmental components of the computer or

processor system (1), wherein said operational parameters and said environmental

parameters are quantitatively measurable parameters;

(b) comparing the detected operational parameters and/or environmental parameters with

predetermined limit values;

(c) determining, if predetermined limit values are exceeded or fallen below of by one or

several of said detected operational parameters and environmental parameters;

(d) determining an operational event on basis of a combined evaluation of said limit

values that have been exceeded or fallen below of;

(e) selecting a reaction corresponding to said determined operational event from a

number of predetermined reaction patterns **wherein said number of predetermined**

reaction patterns includes reactions that control individually each of a plurality of

discrete components being monitored to maintain or prolong the serviceability of

the monitored system and protect to the greatest possible extent active calculation

processes as well as their data bases and results and to avoid damage to the discrete

component being controlled by a reaction; and

(f) transmitting a control command to alter the operational performance corresponding to

said selected reaction to said computer or processor system (1).

17.   **(Original)** The device as claimed in claim 4, wherein the device operates separately from

the computer or processor system monitored by the device, such that the computer or processor

system can be re-activated by the device after the computer or processor system has been shut

down.